Index of Claims



Application/Control No.

Applicant(s)/Patent under Reexamination

09/935,019

Examiner

LINDEN ET AL.

Art Unit

Dilek B. Cobanoglu

3626

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N

Interference

**Appeal** 

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|----------|---------------------------------|--|--|------------|--|--|--------------|----------|--|------------|
| Claim    |                                 |  |  |            |  |  |              |          |  | $\neg$     |
| Cla      |                                 | Ь,   |  |            | <del></del> -                                    | Date   | <del>,</del> | -        | T  |            |
| I _      | Original                        | 7  |  |            |  |  |              |          | ĺ  |            |
| Final    | ji                              | 2/20/07  |  |            | . 1  |  |              |          |  |            |
| iE       | Ē                               | 2/2  |  |            |  |  |              |          |  | 1          |
|          |                                 |  |  |            |  |  |              |          |  |            |
|          | 1<br>2<br>3<br>4<br>5<br>6<br>7 | Z  |  |            |  |  |              |          |  |            |
|          | 2                               | N  |  |            |  |  |              |          |  |            |
|          | 3                               | Z  |  |            |  |  |              |          |  | $\neg$     |
|          | 4                               | 1  |  |            |  |  |              |          |  |            |
|          | 5                               | 1  |  |            |  |  |              | $\neg$   |  |            |
|          | 6                               | H  | _  | П          |  |  |              |          | $\neg$   | $\neg$     |
| <b>—</b> | 7                               | H  | -  |            |  |  |              |          | $\dashv$   | $\neg$     |
| <b>—</b> | 8                               | Н  |  |            |  |  |              | $\neg$   |  | -          |
|          | 9                               | Н  | -  |            |  |  |              | _        | $\dashv$   | _          |
|          | 10                              | V  | _  | Н          |  |  |              |          | $\dashv$   | _          |
|          | 11                              | H  |  | $\vdash$   |  | -  | $\dashv$     | _        |  | $\dashv$   |
| -        | 12                              | ├-   | -  | H          |  | $\vdash$   | Н            |          |  |            |
| <u> </u> | 11<br>12<br>13<br>14<br>15      | -  | <del> </del>                                     | $\vdash$   | _  | $\vdash$   |              | _        |  | $\dashv$   |
| <u> </u> | 13                              | ⊢  | ├-   | <u> </u>   |  | $\vdash \vdash$                                  |              |          | $\vdash$   | _          |
| <u></u>  | 14                              | ₩  | <u> </u>   | $\vdash$   |  | Н  |              | $\vdash$ | -  | _          |
|          | 15                              | <u> </u>   | <u> </u>   | $\vdash$   | <u> </u>   | Щ  |              |          | $\Box$   |            |
|          | 16<br>17<br>18                  |  | L.   |            |  |  |              |          |  |            |
|          | 17                              | <u></u>  |  |            |  |  |              |          |  | _          |
|          | 18                              |  |  |            |  |  |              |          |  |            |
|          | 19<br>20<br>21<br>22<br>23      |  |  |            |  |  |              |          |  |            |
|          | 20                              |  | Г  | П          |  |  |              |          |  |            |
|          | 21                              |  |  | Π          |  |  |              |          |  |            |
|          | 22                              |  |  |            |  |  |              |          |  |            |
|          | 23                              | 一  |  |            |  |  |              |          |  |            |
| 1        | 24<br>25                        | Т  | 1  | Г          | $\vdash$   |  | $\vdash$     |          | П  |            |
|          | 25                              | ╁  | <del>                                     </del> | $\vdash$   | $\vdash$   | -  | $\vdash$     |          | Н  |            |
|          | 26                              | $\vdash$   | ┝╌   | ┰          | -  |  |              | _        |  |            |
| <u> </u> | 27                              | ╁  | -  | ┢          | -  | H  |              |          | Н  |            |
| $\vdash$ | 20                              | <del>                                     </del> | -  | ┢          |  | H  |              | _        | Н  |            |
| -        | 28<br>29<br>30                  | ├─   | -  | ⊢          |  | $\vdash$   | -            | -        | Н  |            |
| <u> </u> | 29                              | ⊢  |  | ┢          | -  | _  |              | -        | Н  | -          |
| <u> </u> | 30                              | ⊢  | -  | <u> </u>   | ┞  |  | <u> </u>     | -        | Н  |            |
| <u> </u> | 31                              | <del> </del>                                     | -  | <b>!</b> — | <u> </u>   | ├-   | <u> </u>     | $\vdash$ | $\vdash$   |            |
| -        | 32<br>33                        | <del> </del>                                     | L_   | <u> </u>   |  | $\vdash$   | <u> </u>     | <u> </u> |  | $\vdash$   |
|          | 33                              |  | L  | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>     | L_       | <u> </u>   | _          |
|          | 34                              | L  | <u> </u>   | <u> </u>   | <u> </u>   | L_   | <u> </u>     | <u> </u> | Щ  | L          |
|          | 35                              |  |  | <u> </u>   | <u> </u>   |  | L_           |          |  | L          |
|          | 36                              |  |  | <u> </u>   |  | 匚  | L_           | L_       |  | <u>_</u>   |
|          | 37                              | Ĺ  | L  | L          | 匚  | Ĺ  |              |          |  |            |
|          | 38                              |  | Ĺ  |            | Ĺ  | L  |              | Ĺ        |  | L          |
|          | 39                              |  | Г  | Γ          |  |  |              |          | Ĭ  |            |
|          | 40                              | Г  | Г  | Γ          |  |  |              |          |  |            |
|          | 41                              | Τ  | T  | Π          | Г  |  |              |          | Γ_   |            |
|          | 42                              | $\vdash$   | T  | 1          | $\vdash$   | $\vdash$   | $\vdash$     |          |  |            |
|          | 43                              | $\vdash$   | t  | t          |  |  | _            | Т        | <del>                                     </del> | $\vdash$   |
| <b>—</b> | 44                              | t  | $\vdash$   | t          | <del>                                     </del> | <del>                                     </del> | Н            | ┢        | $\vdash$   | $\vdash$   |
| -        | 45                              | $\vdash$   | 1  | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$     | -        | $\vdash$   | ┢          |
| -        | 46                              | ╁  | +-   | $\vdash$   | <del>  -  </del>                                 | $\vdash$   | -            | $\vdash$ | $\vdash$   | Ι          |
| -        | 47                              | +-   | ╁  | ⊢          | ├  | ╁  | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$   |
| -        |                                 | +  | ╌  | ╁          | ╁  | ┼  | $\vdash$     | $\vdash$ | -  | $\vdash$   |
| -        | 48                              | +  | $\vdash$   | +-         | $\vdash$   | ├  | $\vdash$     |          | —  | $\vdash$   |
| <u> </u> | 49                              |  | ↓_   | ⊢          | ₩.   | ⊢  | <u> </u>     | <u> </u> | _  | <b> </b> - |
|          | 50                              | 1_   |  |            |  | <u></u>  |              |          |  |            |

| 1 | Claim |          | Date     |        |   |   |        |        |        |   |   |  |
|---|-------|----------|----------|--------|---|---|--------|--------|--------|---|---|--|
| Į |       |          | П        |        |   |   |        |        |        |   |   |  |
|   | Final | Original |          |        |   |   |        |        |        | , |   |  |
|   |       | 51       | $\dashv$ | 7      | _ | _ | _      |        |        |   | _ |  |
| i |       | 52       |          | -      |   |   |        |        |        |   |   |  |
| i |       | 53       | ヿ        |        |   |   |        |        |        |   |   |  |
|   |       | 54       | $\neg$   | $\neg$ |   |   |        |        |        |   |   |  |
| - |       | 54<br>55 |          | 一      |   |   |        |        |        |   |   |  |
|   |       | 56       | $\neg$   |        |   |   |        |        |        |   |   |  |
|   |       | 57       | コ        |        |   |   |        | П      | $\neg$ |   |   |  |
|   |       | 58       |          |        |   |   |        |        |        |   |   |  |
|   |       | 59       |          |        |   |   |        |        |        |   |   |  |
|   |       | 60       |          |        |   | - |        |        |        |   |   |  |
|   |       | 61       |          |        |   |   |        |        |        |   |   |  |
|   |       | 62       | Ī        |        |   |   |        |        |        |   |   |  |
|   |       | 63       |          |        |   |   |        |        |        |   |   |  |
| . |       | 64       | T        |        |   |   |        |        |        |   |   |  |
|   |       | 65       |          |        |   |   |        |        |        |   |   |  |
|   |       | 66       |          |        |   |   |        |        |        |   |   |  |
|   |       | 67       | $\neg$   |        |   |   |        |        |        |   |   |  |
|   |       | 68       |          |        |   |   |        |        |        |   |   |  |
|   |       | 69       |          |        |   |   |        | ,      |        |   |   |  |
|   |       | 70       |          |        |   |   |        |        |        |   |   |  |
|   |       | 71       |          |        |   |   |        |        |        |   |   |  |
|   |       | 72       |          |        |   |   |        |        |        |   |   |  |
|   |       | 73<br>74 |          |        |   |   |        |        |        |   |   |  |
|   |       | 74       |          |        |   |   |        |        |        |   |   |  |
|   |       | 75       |          |        |   |   |        |        |        |   |   |  |
|   |       | 76       |          |        |   |   |        |        |        |   |   |  |
|   |       | 77       |          | _      |   |   |        |        |        |   |   |  |
|   |       | 78       |          |        |   |   |        |        | Г      |   |   |  |
|   |       | 79       |          |        |   |   | $\Box$ |        |        |   |   |  |
|   |       | 80       |          |        |   |   |        |        |        |   |   |  |
|   |       | 81       |          |        |   |   | Γ      | Г      |        |   |   |  |
| İ |       | 82       |          |        |   |   |        |        |        |   |   |  |
|   |       | 83       |          |        |   |   |        |        |        |   |   |  |
| ĺ |       | 84       |          |        |   |   |        |        |        |   |   |  |
| 1 |       | 85       | П        |        |   | Г | Г      | Ī      |        | Γ |   |  |
|   |       | 86       |          |        |   |   | П      |        |        |   |   |  |
| İ |       | 87       |          |        |   |   |        |        |        |   |   |  |
| 1 |       | 88       |          |        |   |   | Ī      |        |        |   |   |  |
| ) |       | 89       |          |        |   |   |        |        |        |   |   |  |
| 1 |       | 90       |          |        |   |   |        |        |        |   |   |  |
|   |       | 91       |          |        |   |   |        |        |        |   |   |  |
|   |       | 92       |          |        |   |   |        |        | $L^-$  |   |   |  |
| ] |       | 93       |          |        |   |   |        |        |        |   |   |  |
| ] |       | 94       |          |        |   |   |        |        |        |   |   |  |
| ] |       | 95       |          |        | Ŀ |   |        |        |        |   |   |  |
| ] |       | 96       |          |        |   |   |        |        |        |   | L |  |
|   |       | 97       |          |        |   |   |        | $\Box$ |        |   |   |  |
| ] |       | 98       |          |        |   |   |        |        |        |   |   |  |
| ] |       | 99       | Г        |        |   |   |        |        |        |   |   |  |
| ] |       | 100      |          |        |   |   |        |        |        |   | Γ |  |

| Claim    |  | Date     |            |                    |  |  |              |  |                    |          |  |
|----------|--|----------|------------|--------------------|--|--|--------------|--|--------------------|----------|--|
|          | _  |          |            |                    |  |  |              |  |                    |          |  |
| <u>a</u> | Original   |          |            |                    |  |  |              |  |                    |          |  |
| Final    | ığı  |          |            |                    |  |  |              |  |                    |          |  |
| _        | Ō  |          |            |                    |  |  |              |  | i                  |          |  |
|          | 101  |          | _          | -                  | _  | ┝  | Н            |  |                    |          |  |
|          | 101  |          | -          | -                  |  | -  | Н            |  |                    | -        |  |
|          | 102  | _        | _          | -                  | _  |  |              |  |                    | -        |  |
|          | 101<br>102<br>103<br>104<br>105                      | _        | <u> </u>   |                    | _  | <u> </u>                                     | Н            |  |                    | Н        |  |
| <u> </u> | 104  |          | <u> </u>   | _                  | _  | <u> </u>                                     |              |  |                    | $\dashv$ |  |
|          | 105  | _        | <u> </u>   | _                  | _  | <u> </u>                                     |              |  | -                  | Щ        |  |
| ļ        | 106  | <u> </u> | ļ          |                    |  | _  |              |  |                    | _        |  |
|          | 107  |          | _          | _                  | _  |  | oxdot        | _  | _                  | ш        |  |
|          | 108  | <u>L</u> |            | ᆫ                  | <u> </u>   | L_   | $\square$    | _  |                    |          |  |
|          | 108<br>109<br>110                                    | <u> </u> | _          | L                  | ᆫ  | L  | _            |  |                    |          |  |
|          | 110  |          |            |                    |  | <u> </u>                                     |              |  |                    |          |  |
|          | 111  | L_       |            |                    |  |  | Ш            | L  | <u></u>            | Ш        |  |
|          | 112  |          | 匚          | L                  | $ldsymbol{ld}}}}}}$ | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>     | L  |                    | Ш        |  |
| <u> </u> | 113  |          |            |                    |  |  |              |  | $oxedsymbol{oxed}$ |          |  |
|          | 113<br>114<br>115                                    |          | L          | L                  | L_   | L  | Ĺ            |  |                    |          |  |
|          | 115  | L        | Ĺ          |                    |  |  |              |  | L                  |          |  |
|          | 116  |          |            |                    | Г  |  |              |  |                    |          |  |
|          | 116<br>117<br>118                                    |          |            |                    |  |  |              |  |                    |          |  |
|          | 118  |          |            | T                  |  | Π  |              |  |                    |          |  |
|          | 119  | Т        | T          | <b>†</b>           |  | T  |              |  |                    |          |  |
|          | 119<br>120   |          | t          | <b>†</b>           | T  | Г  | <u> </u>     | $\vdash$   |                    |          |  |
|          | 121  | $\vdash$ | t          | $\vdash$           | 一  | ┢  | 1            | Н  | _                  | Г        |  |
| _        | 121<br>122<br>123                                    | ╁        | $\vdash$   | $\vdash$           | _  | H  | ┈            | ┢  | $\vdash$           | $\vdash$ |  |
|          | 123  | ┢        | ├          | <del> </del>       |  | ╁╌   | $\vdash$     | -  | _                  | $\vdash$ |  |
|          | 124  | ⊢        | ├          | ╁                  | -  | ╁一   | $\vdash$     | -  | ├                  |          |  |
|          | 125  | ⊢        | ┢          | ╁                  | -  | ╁一   | ⊢            | -  | $\vdash$           | H        |  |
|          | 124<br>125<br>126<br>127<br>128<br>129<br>130<br>131 | ⊢        | ├-         | ┢                  | -  | ╁  | ⊢            | ┢  | $\vdash$           | ┢╌       |  |
| <u> </u> | 120  | ⊢        | -          | ⊢                  | -  | -  | ├            | $\vdash$   | ┢                  | ┢╾       |  |
|          | 127  | ⊢        | ├          | ⊢                  |  | ┝  |              | ┝  | ┝                  | H        |  |
|          | 120  | -        | ├          | ├                  | ⊢  | ├  | ├-           | ⊢  | ┝                  | ⊢∸       |  |
|          | 129  | <u> </u> | ┝          | ₩                  | ⊢  | ┝  | <del> </del> | ļ  | ┝                  | -        |  |
|          | 130  | ⊢        | ļ          | <b>!</b>           | ├  | <b>├</b> —                                   | ┡            | -  | <u> </u>           | -        |  |
| <u> </u> | 131  | <u> </u> | _          | Ļ                  | <u> </u>   | ┡  | ļ            | _  | ⊢                  | L        |  |
|          | 132<br>133<br>134                                    | <b>L</b> | ļ          | 1_                 | <del> </del>   | <u> </u>                                     | $\vdash$     | $\vdash$   | <u> </u>           | L_       |  |
|          | 133  | _        | _          | _                  | <u> </u>   | <u> </u>                                     | Ļ            | L  | 1_                 | L_       |  |
|          | 134  | <u> </u> | <u> </u>   | 1_                 | <u></u>  | 乚  | ــــ         | lacksquare                                       | <b>—</b>           | $\vdash$ |  |
| <u></u>  | 135<br>136   | _        | <u> </u>   | $oldsymbol{\perp}$ | 丄  | <u> </u>                                     | L_           | ┖  | $ldsymbol{f eta}$  | oxdot    |  |
|          | 136  |          |            | ot                 | <u></u>  | <u> </u>                                     | 1            |  | ᆫ                  | L        |  |
|          | 137  | ļ        | oxdot      |                    |  |  |              | L  |                    |          |  |
|          | 138  |          |            |                    |  |  |              |  | L                  | L        |  |
|          | 139  |          |            |                    |  |  |              |  |                    |          |  |
|          | 140  |          |            |                    |  | Г  |              |  |                    |          |  |
|          | 141  |          | П          |                    |  | Γ  |              |  |                    |          |  |
|          | 142  | 1        | Π          | T                  | П  |  | Т            | Τ  | Г                  |          |  |
|          | 143  | Т        | T          | $\top$             |  |  | Т            | Π  | Т                  |          |  |
|          | 144  | $t^-$    | T          | T                  | t  | 1  | t            | Т  | 1                  | t        |  |
|          | 145  | t        | +          | T                  | 1  | $\vdash$                                     | $t^-$        | <del>                                     </del> | T                  |          |  |
| -        | 146  | 1-       | ╁          | +                  | +-   | $\vdash$                                     | $\vdash$     | $\vdash$   | $\vdash$           | t        |  |
|          | 147  | $\vdash$ | ╁          | +                  | +-   | +-   | +            | +  | +                  | ╆        |  |
| ļ        |  | +-       | ╁          | +                  | +-   | +-   | +-           | ╁  | ╁                  | ╁╾       |  |
| <u> </u> | 148  | ┼-       | +          | +-                 | $\vdash$   | ₩  | ╀            | ╂  | ┼                  | $\vdash$ |  |
|          | 149  | ╄        | <b>↓</b> _ | -                  | 1—   | ╄  | 1            |  | -                  | $\vdash$ |  |
| L        | 150  | L.,      | 1          | 1                  |  | 1  |              | L  | 1_                 |          |  |